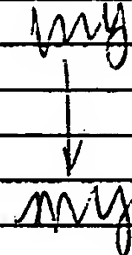
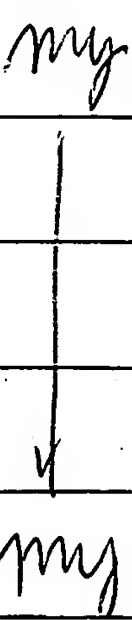



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				Filing Date: Herewith		Group	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner's Initial		Patent Number	Date	Name	Class	Sub-Class	Filing Date
my ↓	AA1	4,185,084	1/22/80	Mochida, <i>et al.</i>	424	1	10/3/77
	AB1	4,243,749	1/6/81	Sadeh, <i>et al.</i>	435	7	3/16/78
	AC1	4,313,734	2/2/82	Leuvering	23	230	7/13/79
	AD1	4,373,932	2/15/83	Gribnau, <i>et al.</i>	436	501	1/2/81
	AE1	4,401,764	8/30/83	Smith	436	500	2/2/81
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
my ↓	AL1	EP 177,191	11/22/90	EUROPEAN	G01N	33/537	NO
	AM1	GB 2,084,317	4/7/82	UNITED KINGDOM	G01N	33/54	NO
	AN1	WO9926067A1	5/27/99	PCT	G01N	33/543	No
<b>OTHERS, including Author, Title, Date, Pertinent Pages, etc.</b>							
my ↓	AR1	Alberts, B. <i>et al.</i> , Molecular Biology of the Cell, 2nd Edition. Garland Publishing, Inc. New York, pg 704. (1989)					
	AS1	Bass, D.A. <i>et al.</i> "Flow cytometric studies of oxidative product formation by neutrophils: a graded response to membrane stimulation." <i>J. Immunol.</i> 130: 1910-1917. (1983)					
	AT1	Bishop, J.E. <i>et al.</i> , "A Flow Cytometric Immunoassay For Beta2-Microglobulin In Whole Blood," <i>J Immunol. Meth.</i> 210:79-87 (1997).					
	AR2	Bode, W. <i>et al.</i> , 1989, "Human leukocyte and porcine pancreatic elastase: X-ray crystal structures, mechanism, substrate specificity and mechanism-based inhibitors," <i>Biochem.</i> 28: 1951-1963.					
	AS2	Chen, R. <i>et al.</i> , "Simultaneous Quantification of Six Human Cytokines in a Single Sample Using Microparticle-based Flow Cytometric Technology," <i>Clin Chem.</i> 45:1693-1694 (1999).					
Examiner: <u>Melanie Yn</u>				Date Considered <u>11/29/06</u>			
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<b>U.S. PATENT DOCUMENTS</b>							
Examiner's Initial		Patent Number	Date	Name	Class	Sub-Class	Filing Date
	AA2	4,661,444	4/28/87	Li	435	7	3/29/84
	AB2	4,746,631	5/24/88	Clagett	436	518	5/9/85
	AC2	4,810,096	3/7/89	Russell, <i>et al.</i>	356	436	4/8/87
	AD2	5,198,670	3/30/93	VanCauter, <i>et al.</i>	250	328	9/29/89
	AE2	5,238,108	8/24/93	Velezis, <i>et al.</i>	206	315.1	8/25/92
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
<b>OTHERS, including Author, Title, Date, Pertinent Pages, etc.</b>							
	AT2	Coates, P.M. <i>et al.</i> , 1975, "A preliminary genetic interpretation of the esterase isozymes of human tissues," <i>Ann. Hum. Genet. Lond.</i> 39: 1-20.					
	AR3	Crockard, A. <i>et al.</i> , 1982, "Cytochemistry of acid hydrolases in chronic B- and T-cell leukemias," <i>Am. J. Clin. Pathol.</i> 78:437-444.					
	AS3	Ferrer-Lopez, P. <i>et al.</i> , "Heparin Inhibits Neutrophil-Induced Platelet Activation Via Cathepsin", <i>J. Lab Clin. Med.</i> 119(3), 231-239 (1992).					
	AT3	Fleischer, B., 1994, "CD26: a surface protease involved in T-cell activation," <i>Immunol. Today.</i> 15: 180-184.					
	AR4	Fowler A., <i>et al.</i> , "A multi-modality assay platform for ultra-high throughput screening," <i>Curr. Pharm. Biotechnol.</i> 2000 Nov;1(3):265-81.					
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Examiner's Initial	Patent Number	Date	Name	Class	Sub- Class	Filing Date	
WV	AA3	5,306,468	4/26/94	Anderson, <i>et al.</i>	422	101	7/19/91
V	AB3	5,310,687	5/10/94	Bard, <i>et al.</i>	436	518	11/4/91
V	AC3	5,501,985	3/26/96	Baugher, <i>et al.</i>	436	518	4/21/94
V	AD3	5,563,036	10/8/96	Peterson, <i>et al.</i>	435	6	4/29/94
WV	AE3	5,627,080	5/6/97	Cheng, <i>et al.</i>	436	534	7/29/94
<b>FOREIGN PATENT DOCUMENTS</b>							
Document Number	Date	Country	Class	Sub- Class	Trans- lation Yes/No		
<b>OTHERS, including Author, Title, Date, Pertinent Pages, etc.</b>							
my	AS4	Fulwyler <i>et al.</i> , "Flow Microsphere Immunoassay for the Quantitative and Simultaneous Detection of Multiple Soluble Analytes, " <i>Meth. Cell Biol.</i> 33: 613-629 (1990).					
V	AT4	Gartner, T.K. <i>et al.</i> , 1985, "The tetrapeptide analogue of the alpha chain and decapeptide analogue of the gamma chain of fibrinogen bind to different sites on the platelet fibrinogen receptor," <i>Blood</i> . 66 Suppl 1: 305a.					
V	AR5	Gormley, G.J. <i>et al.</i> , "A Controlled Pore Glass Bead Assay For The Measurement Of Cytoplasmic And Nuclear Glucocorticoid Receptors," <i>J Steroid Biochem.</i> 22:693-8 (1985).					
V	AS5	Hegen, M. <i>et al.</i> , 1993, "Enzymatic activity of CD26 (dipeptidylpeptidase IV) is not required for its signalling function in T cells," <i>Immunobiology</i> 189: 483-493.					
my	AT5	Hoffmann, T. <i>et al.</i> 1993, "Dipeptidyl peptidase IV (CD 26) and aminopeptidase N (CD 13) catalyzed hydrolysis of cytokines and peptides with N-terminal cytokine sequences," <i>FEBS Letters</i> . 336: 61-64.					
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Examiner's Initial		Patent Number	Date	Name	Class	Sub-Class	Filing Date
my	AA4	5,633,141	5/27/97	Lee, <i>et al.</i>	435	7.2	4/7/95
↓	AB4	5,648,213	7/15/97	Reddy, <i>et al.</i>	435	6	8/30/94
↓	AC4	5,679,309	10/21/97	Bell	422	67	12/14/95
↓	AD4	5,679,525	10/21/97	Peterson, <i>et al.</i>	435	6	7/17/96
my	AE4	5,691,147	11/25/97	Draetta, <i>et al.</i>	435	7.1	6/2/94
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
<b>OTHERS, including Author, Title, Date, Pertinent Pages, etc.</b>							
my	AR6	Hohn, P.A. <i>et al.</i> , 1989, "Genomic organization and chromosomal localization of the human cathepsin G gene," <i>J. Biol. Chem.</i> 264: 13412-13419.					
↓	AS6	Horan <i>et al.</i> , "Fluid Phase Particle Fluorescence Analysis: Rheumatoid Factor Specificity Evaluated by Laser Flow Cytophotometry, "Immunoassays in the Clinical Laboratory, 185-189 (Liss 1979).					
↓	AT6	Horstmann, B.J. <i>et al.</i> , "Rate-Limiting Mass Transfer In Immunosorbents: Characterisation Of The Adsorption Of Paraquat-Protein Conjugates To Anti-Paraquat Sepharose 4B," <i>Bioseparation</i> 7:145-57 (1998).					
↓	AR7	Jongkind, J.F. <i>et al.</i> , 1986, "Detection of acid-b -galactosidase activity in viable human fibroblasts by flow cytometry," <i>Cytometry</i> 7:463-466.					
my	AS7	Kankaanranta, H. <i>et al.</i> , 1994, " Effects of non-steroidal anti-inflammatory drugs on polymorphonuclear leukocyte functions in vitro: focus on fenamates," <i>Naunyn-Schmiedeberg's Arch Pharmacol.</i> 350:685-691.					
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<b>U.S. PATENT DOCUMENTS</b>							
Examiner's Initial		Patent Number	Date	Name	Class	Sub-Class	Filing Date
my ↓ my	AA5	5,698,411	12/16/97	Lucas, <i>et al.</i>	435	29	5/18/95
	AB5	5,747,352	5/5/98	Yan, <i>et al.</i>	436	533	5/23/94
	AC5	5,754,229	5/19/98	Elabd	348	319	11/14/95
	AD5	5,772,926	6/30/98	Akhavan-Tafti	252	700	5/13/97
	AE5	5,811,526	9/22/98	Davidson	530	391.3	5/23/95
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
<b>OTHERS, including Author, Title, Date, Pertinent Pages, etc.</b>							
my ↓ my	AT7		Kohen, E. <i>et al.</i> , 1993, "An in situ study of beta-glucosidase activity in normal and gaucher fibroblasts with fluorogenic probes," <i>Cell Biochem. and Function.</i> 11:167-177.				
	AR8		Kojima, K. <i>et al.</i> , 1979, "A new and highly sensitive fluorescence assay for collagenase-like peptidase activity," <i>Anal. Biochem.</i> 100: 43-50.				
	AS8		Leytus, S.P. <i>et al.</i> , "New class of sensitive and selective fluorogenic substrates for serine proteases," <i>Biochem. J.</i> 215:253-260 (1983).				
	AT8		Li, C.Y. <i>et al.</i> , 1970, "Acid phosphatase isoenzyme in human leukocytes in normal and pathologic conditions," <i>J. Histochem. Cytochem.</i> 18:473-481.				
	AR9		Lindmo <i>et al.</i> , "Immunometric Assay Using Mixtures of Two Particle Types of Different Affinity," <i>J. Immunol. Meth.</i> 126: 183-189 (1990).				
	AS9		McDonald, J.A. <i>et al.</i> , 1980, "Degradation of fibronectin by human leukocyte elastase," <i>J. Biol. Chem.</i> 255: 8848-8858.				
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<b>U.S. PATENT DOCUMENTS</b>							
Examiner's Initial		Patent Number	Date	Name	Class	Sub- Class	Filing Date
my	AA6	5,851,778	12/22/98	Oh, <i>et al.</i>	435	7.9	4/2/97
↓	AB6	5,965,736	10/21/99	Akhavan-Tafti	548	110	12/9/98
↓	AC6	5,976,822	11/2/99	Landrum, <i>et al.</i>	435	23	8/20/97
↓	AD6	6,002,003	12/14/99	Shen <i>et al.</i>	544	232	4/14/98
my	AE6	6,045,727	4/4/00	Akhavan-Tafti, <i>et al.</i>	252	700	1/15/97
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub- Class	Trans- lation Yes/No
<b>OTHERS, including Author, Title, Date, Pertinent Pages, etc.</b>							
my	AT9	McHugh, "Flow Microsphere Immunoassay for the Quantitative and Simultaneous Detection of Multiple Soluble Analytes, "Methods in Cell Biology 42, Part B (Academic Press, 1994).					
↓	AR10	McHugh <i>et al.</i> , "Microsphere-Based Fluorescence Immunoassays using Flow Cytometry Instrumentation", "Clinical Flow Cytometry, Bauer, K. D., <i>et al.</i> , eds. (Baltimore, Maryland, USA: Williams and Williams, 1993), pp. 535-544.					
↓	AS10	Mentlein, R. <i>et al.</i> , H. R., "Influence of Pregnancy on Dipeptidyl Peptidase IV Activity (CD26 Leukocyte Differentiation Antigen) of Circulating Lymphocytes", <i>Eur. J. Clin. Chem. Clin. Biochem.</i> , 29, 477-480 (1991).					
↓	AT10	Park, M.K. <i>et al.</i> , "A Latex Bead-Based Flow Cytometric Immunoassay Capable Of Simultaneous Typing Of Multiple Pneumococcal Serotypes (Multibead Assay)," <i>Clin Diagn Lab Immunol.</i> 7:486-9 (2000).					
my	AR11	Rotman, B. <i>et al.</i> , 1963, "Fluorogenic substrates for b -D-galactosidases and phosphatases derived from fluorescein (3,6-dihydroxyfluoran) and its monomethyl ether," <i>Proc. Nat. Acad. Sci. USA</i> 50:1-6.					
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Examiner's Initial		Patent Number	Date	Name	Class	Sub-Class	Filing Date
my ↓ ↓ ↓ my	AA7	6,045,991	4/4/00	Akhavan-Tafti	435	4	5/3/99
	AB7	6,090,571	7/18/00	Akhavan-Tafti, <i>et al.</i>	435	21	7/21/99
	AC7	6,110,630	8/29/00	Reddy <i>et al.</i>	430	93	6/18/98
	AD7	6,139,782	10/31/00	Akhavan-Tafti, <i>et al.</i>	252	700	7/21/99
	AE7	6,165,796	12/26/00	Bell	436	74	11/26/97
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
<b>OTHERS, including Author, Title, Date, Pertinent Pages, etc.</b>							
my ↓ ↓ ↓ my	AS11		Royer, G. <i>et al.</i> , "Immobilized Derivatives of Leucine Aminopeptidase and Aminopeptidase M," <i>J. Biol. Chem.</i> 248(5), 1807-1812 (1973).				
	AT11		Ruiz, P. <i>et al.</i> , 1996, "Cytofluorographic evidence that thymocyte dipeptidyl peptidase IV (CD26) activity is altered with stage of ontogeny and apoptotic status," <i>Cytometry</i> . 23: 322-329.				
	AR12		Sanderink, G.J. <i>et al.</i> , 1988, "Human Aminopeptidases: A Review of the Literature. <i>J. Clin. Chem. Clin. Biochem.</i> 26: 795-807.				
	AS12		Sato, H. <i>et al.</i> , "Effect Of Pore Size Of Porous Bead Carriers Immobilizing Antibody On IgE Absorption," <i>J Biomed Mater Res.</i> 20:853-8 (1986).				
	AT12		Schmidt, D.E., Jr. <i>et al.</i> , "An Advanced Solid Support For Immunoassays And Other Affinity Applications," <i>Biotechniques</i> 14:1020-1025 (1993).				
Examiner: Melanie Yu				Date Considered 11/29/00			
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my ↓ my	AA8	6,177,958	1/23/01	Anderson	348	362	3/11/98
	AB8	6,212,291	4/3/01	Wang, <i>et al.</i>	382	132	1/29/98
	AC8	6,218,137	4/17/01	Akhavan-Tafti, <i>et al.</i>	435	21	3/31/00
	AD8	6,270,695	8/7/01	Akhavan-Tafti, <i>et al.</i>	252	700	7/21/99
	AE8	6,281,021	8/28/01	Egger, <i>et al.</i>	436	544	6/18/99
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
<b>OTHERS, including Author, Title, Date, Pertinent Pages, etc.</b>							
my   ↓  my	AR13	Schon, E. <i>et al.</i> , "The role of dipeptidyl peptidase IV in human T lymphocyte activation. Inhibitors and antibodies against dipeptidyl peptidase IV suppress lymphocyte proliferation and immunoglobulin synthesis in vitro," <i>Eur. J. Immunol.</i> 1987 Dec;17(12):1821-6.					
	<del>AS13</del>	<del>Stein, R.L. <i>et al.</i> 1987, "Catalysis by human leukocyte elastase: Mechanistic insights into specificity requirements," <i>Biochem.</i> 26:1301-1305.</del>					
	AT13	Stein, R.L. <i>et al.</i> 1987, "Catalysis by human leukocyte elastase: Proton inventory as a mechanistic probe," <i>Biochem.</i> 26:1305-1314.					
	AR14	Tanaka, T. <i>et al.</i> , 1993, "The costimulatory activity of the CD26 antigen requires dipeptidyl peptidase IV enzymatic activity," <i>Proc. Natl. Acad. Sci. USA.</i> 90: 4586-4590.					
	AS14	Thiele, D.L. <i>et al.</i> , 1990, "Mechanism of L-leucyl-L-leucine methyl ester-mediated killing of cytotoxic lymphocytes: Dependence on a lysosomal thiol protease, dipeptidyl peptidase I, that is enriched in these cells," <i>Proc. Natl. Acad. Sci. USA.</i> 87: 83-87.					
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my	AA9	6,319,668	11/20/01	Nova <i>et al.</i>	435	6	6/24/96
<b>FOREIGN PATENT DOCUMENTS</b>							
Document Number	Date	Country	Class	Sub- Class	Trans- lation Yes/No		
<b>OTHERS, including Author, Title, Date, Pertinent Pages, etc.</b>							
my	AT14	Vignali, D.A.A., "Multiplexed Particle-Based Flow Cytometric Assays," J. Immunol. Meth. 243:243-255 (2000).					
↑	AR15	Vlieger, A.M., <i>et al.</i> , Analytical Biochemistry 205:1-7 (1992).					
↓	AS15	Weiss. S.J. 1989, "Tissue destruction by neutrophils," <i>N. Eng. J. Med.</i> 320: 365-376.					
↓	AT15	Whitlock, C.A., <i>et al.</i> , 1987. "Bone marrow stromal cell lines with lymphopoietic activity express high levels of a pre-B neoplasia-associated molecule," <i>Cell</i> 48: 1009-1021.					
↓	AR16	Wilson <i>et al.</i> , "A New Microsphere-Based Immunofluorescence Assay Using Flow Cytometry," J. Immunol. Meth. 107: 225-230 (1988).					
↓	AS16	Woessner, J.F. Jr., 1991, "Matrix metalloproteinases and their inhibitors in connective tissue remodeling," <i>FASEB J.</i> 5: 2145-2154.					
my	AT17	Wu, Q. <i>et al.</i> , 1991. "Aminopeptidase A activity of the murine B-lymphocyte differentiation antigen BP-1/6C3," <i>Proc. Natl. Acad. Sci, USA.</i> 88: 676-680.					
Examiner: <i>Melanie</i>				Date Considered 11/29/06			
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							